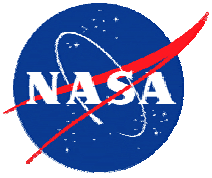


# Aura DSWG Meeting

## EOSDIS Status

### 09/13/06

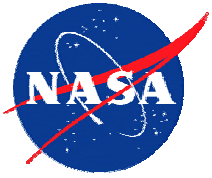
Karen Michael  
EOSDIS System Manager  
NASA GSFC Code 423  
[Karen.Michael@nasa.gov](mailto:Karen.Michael@nasa.gov)  
301-614-5286



# EOSDIS Evolution Changes



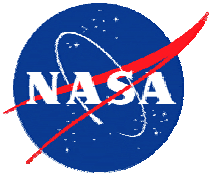
- The ECS system at the GES DAAC will be replaced by the S4PA system
- The ECS system at the ASDC DAAC will be replaced by the ANGe system
- The MODIS L0 ingest, L1 processing, and distribution of all Atmospheres data at the GES DAAC will be replaced by MODAPS



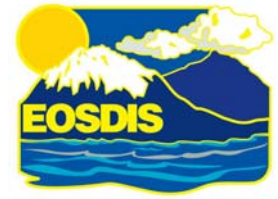
# Evolution impacts



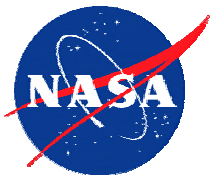
- Interface tests will need to be rerun
- Performance tests will need to be conducted
- Mini-MOSS tests will be conducted
- ICD's will need to be updated
  - Planning to consolidate ICD's as much as possible
  - ECS Aura related documents to be retired
- New ICD's are being identified



# Evolution Testing



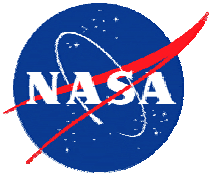
- Completed
  - GOLDS mini-MOSS for GEOS-5 data flows completed successfully August 06
  - MODAPS: EDOS ingest, Atmospheres Processing and Distribution Load Testing completed successfully August-Sept 06
- Planned
  - GSFC mini MOSS: MLS, OMI, HIRDLS
    - Sept 06-Jan 07
  - ASDC mini MOSS: ANGe-L(LATIS), ANGe-E(ECS)
    - Nov 06-Aug 07



# Status of SIPS ICDs



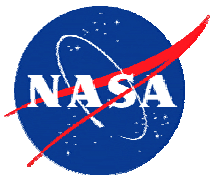
Title / Book Boss	Status
ECS-MLS SIPS ICD / Karen Michael	Revision A April 2005; no CCRs pending. Evolution update reviewed by Dave Cuddy and Bruce Vollmer. Plan to include it as a chapter in the new GES DISC-SSE ICD. ECS document will retire.
ECS-HIRDLS SIPS ICD / Alfreda Hall	Original December 2001; CCR Aug 2004-Revision to the ECS-HIRLDS ICD not approved. Evolution update reviewed by Bruce Vollmer and under review by Vince Dean. Plan to include it as a chapter in the new GES DISC-SSE ICD. ECS document will retire.
ECS-TES SIPS ICD / Alfreda Hall	Revision B/CH01 June 2005; no CCRs pending. Update awaiting TES team revision of data products list. Evolution changes to ICD to be made by fall of 2007. ECS document will retire.
ECS-OMI SIPS ICD / John Moses (TBD)	Revision A September 2004; no CCRs pending. Evolution update has not been started; data products list update needed. Plan to include it as a chapter in the new GES DISC-SSE ICD. ECS document will retire.
ECS-ODPS ICD / John Moses (TBD)	Original November 2003; no CCRs pending. Evolution update reviewed by KNMI. Plan to include it as a chapter in the new GES DISC-SSE ICD. ECS document will retire.
ECS-SIPS Volume 0 ICD / Karen Michael	Revision H/CH02 December 2005; no CCRs pending. ECS document will remain but will not apply to Aura SIPS any longer.



# Evolution ICD Planning



- Consolidation of ICD's is planned
- GES DISC to Science System Element (SSE) ICD (draft in progress)
  - Interfaces to be included: MLS, HIRDLS, OMI, ODPS, GMAO, AIRS, ASDC, SORCE
- ASDC to Science System Element (SSE) ICD (proposed)
  - Interfaces to be included are still being identified: TES, MISR, MOPITT, CERES, ACRIM
- Network ICD for Science Systems (draft in progress)

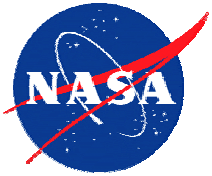


# Status of Changes Requested by Aura Teams



Status Since DSWG November 2005

Change Requested	Description	Status
Support MD5 checksum	Provide MD5 checksum on ECS ingest and distribution as an option	Completed
Improve latency in reorder process with EDOS	Investigate the use of PANØs with the EDOS to DAAC interface	Installed in OPS mode at ASDC; testing with EDOS
Improve EDG QA Flag decision Table	EDG utilizes a decision tree to determine which QA Status to display from the Automatic, Science and Operational QA Flags	Decision Tree was eliminated and replaced with all three flags; since some products have multiple parameters and QA flags per granule the flags will not be displayed at a default.
Support for subsetting at ASDC	ASDC DAAC to set up HEW subsetting in support of TES	Installed in TS1 and waiting for TES test products

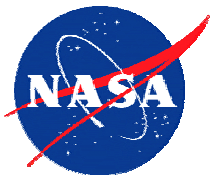


# WIST Status



- Warehouse Inventory Search Tool (WIST): general ECHO client based on the EDG user interface
  - A preoperational WIST has been deployed for public access. While it has been tested with ECHO, it is considered preoperational because not all of the EDG functionality has been included yet.
  - The next version of WIST released in November 2006 will include subsetting and ASTER On Demand support.
  - The operational WIST 1.0 will be available in April 2007 when ECHO Version 9.0 goes operational.
  - ECHO Partners (e.g. NASA DAACs) will continue to test and evaluate WIST as new releases are made.
- EDG to WIST Transition
  - Goal is to start the EDG-to-WIST transition plan in summer 2007 and turn off EDG in late 2007, so EDG and WIST will be running in parallel.





## EOSDIS Logo Wear Now Available From



**LANDS' END**

**To Order: There are two ways to order any item from Lands' End with the EOSDIS logo (some setup may be required).**

- 1.) e-mail [Judith.Rasmussen@landsend.com](mailto:Judith.Rasmussen@landsend.com) with the item(s) you want to order.  
Include: logo #0644920 (She works for Lands End for the NASA account - M-F 8-3pm)
- 2.) Call Judy Rasmussen at 800-535-3060 ext 8047  
Please leave a message if she is not immediately available. Then Judy, Dave, or Sandy will return your call.

**Please note:** There is a charge of \$8.10 per item for the logo.  
Do not use the Lands End website to order. There may be a discount ordering by phone or e-mail and there is certainly a quantity discount when you order more than 1 item. Judy, Dave, or Sandy will advise you in picking colors that the logo will look good on.

**EOSDIS POC: Carol Boquist: 4-6860 or Jeanne Behnke: 4-5326**